

Appl. No. 10/606,319
Amendment Dated 4/28/2006

Attorney Docket No.: DN 97-014 D1

Listing of Claims:

1. (currently amended) A method of producing an ~~antiblock agent consisting essentially of a~~
polyolefin film comprising the steps of:
effectively surface treating an inorganic mineral[[s]] ~~wherein the inorganic mineral is~~
selected from the group consisting of talc, calcium carbonate, precipitated calcium
carbonate, clay, and silica, with from about 0.1 percent to about 10 percent by weight
~~antiblock agent of a silane to produce an antiblock agent that adsorbs substantially reduced~~
~~process aids in a polyolefin film;~~
adding from about 0.1 percent to about 1.0 percent by weight of the antiblock agent to a
mixture comprising a polyolefin resin; and
extruding the mixture to form a polyolefin film.
2. (canceled)
3. (currently amended) The method of [[C]]claim 1 wherein the inorganic mineral is talc.
4. (canceled)
5. (canceled)
6. (currently amended) The method of [[C]]claim 1 wherein the silane is selected from the group
consisting of octyltriethoxysilane, triamino functional silane, and Bis-(gamma-
trimethoxysilylpropyl) amine.
7. (currently amended) The method of [[C]]claim 6 wherein the silane is Bis-(gamma-
trimethoxysilylpropyl) amine.

Appl. No. 10/606,319
Amendment Dated 4/28/2006

Attorney Docket No.: DN 97-014 D1

8. (canceled)

9. (currently amended) The method of ~~[[C]]~~claim 6 wherein the silane has a structural formula of SiR_4 , where R is a functionalized alkyl group or functionalized alkoxy group.

10-12. (canceled)

13. (currently amended) The method of ~~[[C]]~~claim ~~[[12]]~~ 3 wherein the talc is preferably treated with from about 0.1 percent to about 2.0 percent, based on weight of inorganic mineral of the silane.

14-29. (canceled)

30. (currently amended) A composition comprising a polyolefin resin and from about 0.1 percent to about 1.0 percent by weight of an antiblock agent comprising an inorganic mineral ~~core~~ component selected from the group consisting of talc, calcium carbonate, precipitated calcium carbonate, clay, and silica and a surface treating component selected from the group consisting of surface treated with from about 0.1 percent to about 10 percent, based on the weight of the inorganic mineral, of a silane to produce an antiblock agent that adsorbs substantially reduced process aids.